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Product Datasheet

Human XDH(Xanthine Dehydrogenase) ELISA Kit EBT-ELK2887

Artikelname	Human XDH(Xanthine Dehydrogenase) ELISA Kit
Artikelnummer	EBT-ELK2887
Hersteller Artikelnummer	ELK2887
Alternativnummer	EBT-ELK2887-96, EBT-ELK2887-48, EBT-ELK2887-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.053 ng/mL
UniProt	P47989
Proben	Serum, plasma, breast milk and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human XDH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human XDH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human XDH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Human XDH in the samples is then determined by comparing the OD of the samples to the standard curve